

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IL2005/000173

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K35/78 A61K31/415 A61K31/18 A61K31/195 A61P35/00  
A61P35/02 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, FSTA, CHEM ABS Data, CANCERLIT

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/006445 A1 (GELBER DANIEL ET AL) 17 January 2002 (2002-01-17)  examples 8-10; tables 1,4,5 -----	18-27, 32-35, 37,42-45
X	WO 03/105751 A (KWON, HO-JEONG; SHIM, JOONG-SUP; KIM, JIN-HEE; CHOI, SEUNG-HOON; SHIN,) 24 December 2003 (2003-12-24) claim 7 -----	30, 31
X	WO 01/35956 A (ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC; MARSHALL, MARK, STEVE) 25 May 2001 (2001-05-25) page 3, lines 2-7 -----  -/-	28, 29



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

26 April 2005

Date of mailing of the international search report

10/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>REDDY BANDARU S ET AL: "Novel approaches for colon cancer prevention by cyclooxygenase-2 inhibitors" JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol. 21, no. 2, 2002, pages 155-164, XP009046856 ISSN: 0731-8898 the whole document</p>	21
Y	<p>WO 03/007975 A (METAPROTEOMICS, LLC; BABISH, JOHN, G; HOWELL, TERRENCE; PACIORETTY, LI) 30 January 2003 (2003-01-30) cited in the application pages 1-5</p>	1-45
Y	<p>WO 03/080044 A (CANCER RESEARCH TECHNOLOGY LIMITED; WANG, LIANG-CHUAN, STEVE; PAXTON,) 2 October 2003 (2003-10-02) claims 16-34</p>	1-45
Y	<p>WO 03/103583 A (OKLAHOMA MEDICAL RESEARCH FOUNDATION; HENSLEY, KENNETH, L; FLOYD, ROBE) 18 December 2003 (2003-12-18) page 24; table 1</p>	1-45
Y	<p>AGARWAL B ET AL: "Cox-2 is needed but not sufficient for apoptosis induced by Cox-2 selective inhibitors in colon cancer cells." APOPTOSIS, vol. 8, no. 6, December 2003 (2003-12), pages 649-654, XP002325913 ISSN: 1360-8185 cited in the application page 653, right-hand column, last paragraph</p>	1-45

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### Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition. Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2005/000173

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002006445	A1	17-01-2002	US 2002034555 A1	21-03-2002
			US 2001044410 A1	22-11-2001
			US 2002004078 A1	10-01-2002
			US 2001044411 A1	22-11-2001
			US 2001043959 A1	22-11-2001
			US 2002128273 A1	12-09-2002
WO 03105751	A	24-12-2003	WO 03105751 A2	24-12-2003
			AU 2002314566 A1	31-12-2003
WO 0135956	A	25-05-2001	AU 1767001 A	30-05-2001
			CA 2392093 A1	25-05-2001
			EP 1229908 A1	14-08-2002
			JP 2003514017 T	15-04-2003
			WO 0135956 A1	25-05-2001
WO 03007975	A	30-01-2003	US 2003108628 A1	12-06-2003
			CA 2454171 A1	30-01-2003
			EP 1411959 A1	28-04-2004
			WO 03007975 A1	30-01-2003
			US 2004247700 A1	09-12-2004
WO 03080044	A	02-10-2003	GB 2386836 A	01-10-2003
			AU 2003217035 A1	08-10-2003
			EP 1487433 A1	22-12-2004
			WO 03080044 A1	02-10-2003
WO 03103583	A	18-12-2003	AU 2003237379 A1	22-12-2003
			CA 2488609 A1	18-12-2003
			WO 03103583 A2	18-12-2003
			US 2004014721 A1	22-01-2004